

Title (en)

Preparation of cilazapril intermediates

Title (de)

Herstellung von Cilazapril-Zwischenprodukten

Title (fr)

Préparation d'intermédiaires du cilazapril

Publication

EP 2221299 A3 20101103 (EN)

Application

EP 10250220 A 20100209

Priority

- IN 291CH2009 A 20090211
- US 18524209 P 20090609

Abstract (en)

[origin: EP2221299A2] The present application relates to cilazapril intermediates and processes for the preparation of cilazapril intermediates, including (S)-6,11-dioxo-1,2,3,4,6,11-hexahydro-pyridazino[1,2-b]naphthalazine-1-carboxylic acid and its salts.

IPC 8 full level

C07D 237/32 (2006.01); **C07D 487/04** (2006.01)

CPC (source: EP)

C07D 237/32 (2013.01); **C07D 487/04** (2013.01)

Citation (search report)

- [IDA] WO 0194351 A1 20011213 - VERTEX PHARMA [US], et al
- [Y] WO 2005122682 A2 20051229 - RANBAXY LAB LTD [IN], et al
- [YDA] US 5750690 A 19980512 - BROGER EMIL ALBIN [CH], et al
- [IAY] BEVAN K ET AL: "Amino-acids and peptides. Part X. Characterisation of the monamycins, members of a new family of cyclodepsipeptide antibiotics", JOURNAL OF THE CHEMICAL SOCIETY, SECTION C: ORGANIC CHEMISTRY, CHEMICAL SOCIETY, LETCHWORTH, GB LNKD- DOI:10.1039/J39710000514, 1 January 1971 (1971-01-01), pages 514 - 522, XP009133216, ISSN: 0022-4952
- [IDA] RODRIGUEZ J ET AL: "An Efficient One-Pot Preparation of 2,4-Pentadienoic Esters from .alpha., .beta.-Unsaturated Aldehydes", SYNTHESIS, GEORG THIEME VERLAG, STUTTGART, DE, 1 January 1988 (1988-01-01), pages 534 - 535, XP002402399, ISSN: 0039-7881
- [Y] ATTWOOD M R ET AL: "THE DESIGN AND SYNTHESIS OF THE ANGIOTENSIN CONVERTING ENZYME INHIBITOR CILAZAPRIL AND RELATED BICYCLIC COMPOUNDS", JOURNAL OF THE CHEMICAL SOCIETY, PERKIN TRANSACTIONS 1, CHEMICAL SOCIETY, LETCHWORTH; GB LNKD- DOI:10.1039/P19860001011, 1 January 1986 (1986-01-01), pages 1011 - 1019, XP000196065, ISSN: 0300-922X

Cited by

CN109354572A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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